# Index of authors and papers to volume 89


Ahn, T., Kim, G. and Kim, S., Analysis of the separatrix map in Hamiltonian systems 89 (1995) 315

Bartuccelli, M.V., Gibbon, J.D. and Oliver, M., Length scales in solutions of the complex Ginzburg–Landau equation 89 (1995) 267
Broomhead, D.S., see Darbyshire, A.G. 89 (1995) 287
Broomhead, D.S., Huke, J.P. and Potts, M.A.S., Cancelling deterministic noise by constructing nonlinear inverses to linear filters 89 (1995) 439

Calini, A., Ercolani, N.M., McLaughlin, D.W. and Schober, C.M., Mel'nikov analysis of numerically induced chaos in the nonlinear Schrödinger equation 89 (1995) 227
Charles, P., see Zappoli, B. 89 (1995) 381
Coleman, B.D., Falk, R.S. and Moakher, M., Stability of cylindrical bodies in the theory of surface diffusion 89 (1995) 123

Darbyshire, A.G. and Broomhead, D.S., Robust estimation of tangent maps and Liapunov spectra 89 (1995) 287
Desai, R.C., see Puri, S. 89 (1995) 15

Edelstein-Keshet, L., see Mogilner, A. 89 (1995) 346
Eloranta, K., Cellular automata for contour dynamics 89 (1995) 184
Ercolani, N.M., see Calini, A. 89 (1995) 227

Falk, R.S., see Coleman, B.D. 89 (1995) 123
Friedrich, R., see Jirsa, V.K. 89 (1995) 100

Gallas, J.A.C., see Zeni, A.R. 89 (1995) 71
Gençay, R., A statistical framework for testing chaotic dynamics via Lyapunov exponents 89 (1995) 261
Gibbon, J.D., see Bartuccelli, M.V. 89 (1995) 267
Gomatam, J., see Mulholland, A.J. 89 (1995) 329
Gopalsamy, K. and Leung, I., Delay induced periodicity in a neural netlet of excitation and inhibition 89 (1995) 395
Guo, B. and Wang, B., Final dimensional behaviour for the derivative Ginzburg–Landau equation in two spatial dimensions 89 (1995) 83

Haken, H., see Jirsa, V.K. 89 (1995) 100
Hirschberg, P. and Laing, C., Successive homoclinic tangencies to a limit cycle 89 (1995) 1
Huke, J.P., see Broomhead, D.S. 89 (1995) 439

Jirsa, V.K., Friedrich, R. and Haken, H., Reconstruction of the spatio-temporal dynamics of a human magnetoencephalogram 89 (1995) 100

Kapral, R., see Puri, S. 89 (1995) 15

# Index of authors and papers to volume 89


Ahn, T., Kim, G. and Kim, S., Analysis of the separatrix map in Hamiltonian systems 89 (1995) 315

Bartuccelli, M.V., Gibbon, J.D. and Oliver, M., Length scales in solutions of the complex Ginzburg–Landau equation 89 (1995) 267
Broomhead, D.S., see Darbyshire, A.G. 89 (1995) 287
Broomhead, D.S., Huke, J.P. and Potts, M.A.S., Cancelling deterministic noise by constructing nonlinear inverses to linear filters 89 (1995) 439

Calini, A., Ercolani, N.M., McLaughlin, D.W. and Schober, C.M., Mel'nikov analysis of numerically induced chaos in the nonlinear Schrödinger equation 89 (1995) 227
Charles, P., see Zappoli, B. 89 (1995) 381
Coleman, B.D., Falk, R.S. and Moakher, M., Stability of cylindrical bodies in the theory of surface diffusion 89 (1995) 123

Darbyshire, A.G. and Broomhead, D.S., Robust estimation of tangent maps and Liapunov spectra 89 (1995) 287
Desai, R.C., see Puri, S. 89 (1995) 15

Edelstein-Keshet, L., see Mogilner, A. 89 (1995) 346
Eloranta, K., Cellular automata for contour dynamics 89 (1995) 184
Ercolani, N.M., see Calini, A. 89 (1995) 227

Falk, R.S., see Coleman, B.D. 89 (1995) 123
Friedrich, R., see Jirsa, V.K. 89 (1995) 100

Gallas, J.A.C., see Zeni, A.R. 89 (1995) 71
Gençay, R., A statistical framework for testing chaotic dynamics via Lyapunov exponents 89 (1995) 261
Gibbon, J.D., see Bartuccelli, M.V. 89 (1995) 267
Gomatam, J., see Mulholland, A.J. 89 (1995) 329
Gopalsamy, K. and Leung, I., Delay induced periodicity in a neural netlet of excitation and inhibition 89 (1995) 395
Guo, B. and Wang, B., Final dimensional behaviour for the derivative Ginzburg–Landau equation in two spatial dimensions 89 (1995) 83

Haken, H., see Jirsa, V.K. 89 (1995) 100
Hirschberg, P. and Laing, C., Successive homoclinic tangencies to a limit cycle 89 (1995) 1
Huke, J.P., see Broomhead, D.S. 89 (1995) 439

Jirsa, V.K., Friedrich, R. and Haken, H., Reconstruction of the spatio-temporal dynamics of a human magnetoencephalogram 89 (1995) 100

Kapral, R., see Puri, S. 89 (1995) 15

Kim, G., see Ahn, T. 89 (1995) 315
Kim, S., see Ahn, T. 89 (1995) 315
Kopell, N., see Somers, D. 89 (1995) 169

Laing, C., see Hirschberg, P. 89 (1995) 1
Leung, I., see Gopalsamy, K. 89 (1995) 395
López-Rebollal, O. and Sanmartín, J.R., A generic, hard transition to chaos 89 (1995) 204

Malhotra, N. and Namachchivaya, N.S., Global dynamics of parametrically excited nonlinear reversible systems with nonsemisimple 1:1 resonance 89 (1995) 43
McLaughlin, D.W., see Calini, A. 89 (1995) 227
Moakher, M., see Coleman, B.D. 89 (1995) 123
Mogilner, A. and Edelstein-Keshet, L., Spatio-angular order in populations of self-aligning objects: formation of oriented patches 89 (1995) 346
Mulholland, A.J. and Gomatam, J., The eikonal approximation to excitable reaction–diffusion systems: travelling non-planar wave fronts on the plane 89 (1995) 329

Namachchivaya, N.S., see Malhotra, N. 89 (1995) 43
Noakes, L., see O'Hely, M. 89 (1995) 306

O'Hely, M. and Noakes, L., Distributions on the reals induced from a 2-manifold with boundary 89 (1995) 306
Oliver, M., see Bartuccelli, M.V. 89 (1995) 267

Potts, M.A.S., see Broomhead, D.S. 89 (1995) 439
Puri, S., Desai, R.C. and Kapral, R., Collision dynamics of fronts in the Korteweg–de Vries–Burgers equation 89 (1995) 15

Reich, S., Smoothed dynamics of highly oscillatory Hamiltonian systems 89 (1995) 28

Salas-Brito, A.L., see Sánchez-Ortiz, G.I. 89 (1995) 151
Sánchez-Ortiz, G.I. and Salas-Brito, A.L., Chaos in a variable mass relaxation oscillator model for the leaky tap 89 (1995) 151
Sanmartín, J.R., see López-Rebollal, O. 89 (1995) 204
Schober, C.M., see Calini, A. 89 (1995) 227
Sicardi-Schifino, A.C., see Suarez-Antola, R.E. 89 (1995) 427
Somers, D. and Kopell, N., Waves and synchrony in networks of oscillators of relaxation and non-relaxation type 89 (1995) 169
Stratopoulos, G.N. and Tomaras, T.N., Static properties and motion of vortices in charged fluids 89 (1995) 136
Suarez-Antola, R.E. and Sicardi-Schifino, A.C., A modal approach to threshold dynamics for excitable tissues stimulated by external electrodes. I. One state variable model for a fiber 89 (1995) 427

Tomaras, T.N., see Stratopoulos, G.N. 89 (1995) 136
Tsimring, L.S., Dynamics of penta–hepta defects in hexagonal patterns 89 (1995) 368

Wang, B., see Guo, B. 89 (1995) 83

Zappoli, B. and Charles, P., Acoustic saturation of the critical speeding up 89 (1995) 381
Zeni, A.R. and Gallas, J.A.C., Lyapunov exponents for a Duffing oscillator 89 (1995) 71